Thermal power projects

1130. DR. AKHILESH DAS: Will the Minister of POWER be pleased to state:

(a) whether three thermal power projects including the 1000 MW project of National Thermal Power Corporation at Mouda near Nagpur, have been under consideration of the Central Government;

(b) if so, at what stage of approval the same stand at present; and

(c) the source of coal supplies identified therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (c) Identification of potential sites for new thermal power projects is an on-going process in the NTPC. A site near Mouda in Nagpur district of Maharashtra has been, *prima-facie,* identified by NTPC for a 1000 MW (2x500 MW) thermal power project for conducting a pre-feasibility study. Coal supply to the project is envisaged from Western Collieries Ltd./Coal India Ltd.

New power distribution technique

1131. SHRI NANDI YELLAIAH: Will the Minister of POWER be pleased to state:

(a) whether a new technique SCADA system has been developed in the power sector to control the distribution of power from sub-stations and also for super monitoring and dissemination of power distribution related data;

(b) if so, the details thereof;

(c) the names of the States where this new technique has been introduced; and

(d) the time by when it is likely to be introduced in remaining States of the country?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) The technique of Supervisory Control and Data Acquisition (SCADA) already exists for controlling the distribution of power from sub-stations and also for monitoring and dissemination of power distribution related data. SCADA

System is used for on line acquisition of sub-station data like bus bar voltage, current etc. and can also be used for interlinking commercial information of the utility.

(c) SCADA System is being used in Hyderabad, Chennai to control and monitor distribution at sub-station/feeder level.

(d) Upgradation of distribution falls within the State Sector. State Electricity Boards/Utilities have to decide about the implementation of the SCADA systems. Under the Government of India's Accelerated Power Development and Reforms Programme (APDRP), SCADA schemes for several cities/circles like BEST (Mumbai), Jodhpur, Patna, Lucknow, Moradabad, Bareilly and Goa have been approved.

Power generation capacity of NTPC

†1132. SHRI JAYANTILAL BAROT: Will the Minister of POWER be pleased to state:

(a) the total quantum of power in thousand Megawatts being generated in the country every year;

(b) the quantum of power in thousand Megawatts out of the above quantum being generated by the NTPC;

(c) whether the efforts are being made by the NTPC to enhance its power generation capacity in future; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) The quantum of power in million units (MU) generated in the country and by NTPC during the last three years is given below:

Particulars	2000-2001	2001-2002	2002-2003
Gross generation in the country in 1000 Million Units	4,99,548	5,15,247	5,31,607
Gross generation by NTPC in 1000 Million Units	1,35,373	1,38,497	1,46,200

(c) and (d) NTPC envisages to become a 40,000 plus company by the year 2012 by doubling its capacity and by adding a power generation capacity of about 20,000 MW during 10th and 11th Five Year Plans. Out of the above, 1000 MW has already been commissioned in the year 2002-03.

†Original notice of the question was received in Hindi.